#### PATENT APPLICATION Docket No: 14321.56

ATTORNEYS AT LAW A PROFESSIONAL CORPORATION 1000 EAGLE GATE TOWER 60 EAST SOUTH TEMPLE SALT LAKE CITY, UTAH 84111 TELEPHONE (801) 533-9800 MILE (801) 328-1707 CARL T. REED

RICK D. NYDEGGER BRENT P. LORIMER THOMAS R. VUKSINICK LARRY R. LAYCOCK JONATHAN W. RICHARDS DAVID R. WRIGHT JOHN C. STRINGHAM JOHN M. GUYNN CHARLES L. ROBERTS DANA L. TANGREN ERIC L. MASCHOFF CHARLES J. VEVERKA ROBYN L. PHILLIPS RICHARD C. GILMORET STERLING A. BRENNANT GREGORY M. TAYLOR DAVID B. DELLENBACH R. BURNS ISRAELSEN DAVID R. TODD L. DAVID GRIFFIN ADRIAN J. LEE FRASER D. BOY

R. PARRISH FREEMAN, JR PETER F. MALEN, JR. L. REX SEARS, PH.D. ERIC M. KAMERATH ROBERT E. AYCOCK JENS C. JENKINS KEVIN W. STINGER WILLIAM J. ATHAY MICHAEL B. DODD WILLIAM B. BICHTER RYAN D. BENSON SARA D. JONES TIGE KELLER JANNA L JENSEN MATTHEW D. TODD JULIAVAR OLDHAM MICHAEL J. FRODSHAM JOSEPH L. KRUPA BRETT A. HANSEN BRETT I. JOHNSON MATTHEW A. BARLOW WESLEY C. ROSANDER ANDREW S. HANSEN CHAD E. NYDEGGER JOSEPH G. PIA CLINTON E. DUKE

\* ADMITTED ONLY IN CALIFORNIA

PATENTS TRADEMARKS COPYRIGHTS TRADE SECRETS UNFAIR COMPETITION LICENSING COMPLEX LITIGATION

> MAILING ADDRESS: P.O. BOX 45862 SALT LAKE CITY, UT 84145

> > INTERNET

HOME PAGE: http://www.wnpatent.com GENERAL E-MAIL: infc@wnpatent.com

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	,
Tetsuro Inui et al.	)
10/624,082	) Art Uni
July 21, 2003	)
5995	)
DISPERSION MONITORING METHOD AND APPARATUS AND DISPERSION SLOPE TEMPERATURE DEPENDENCY COMPENSATION METHOD AND APPARATUS	)
	July 21, 2003  5995  DISPERSION MONITORING METHOD AND APPARATUS AND DISPERSION SLOPE TEMPERATURE DEPENDENCY COMPENSATION

#### TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is an Information Disclosure Statement, which includes the following statements, if any, required variously by 37 C.F.R. § 1.98:

 Statement o	f releva	nce of	selected	cited	references	not	in	the	English	language
which are no	t transla	ted.								

Statement that selected cited references are substantially cumulative of an enclosed or previously submitted reference.

After the mailing of a Notice of Allowance, but before payment of the Issue Fee. Accordingly, in order to secure consideration thereof, each of the following are also

III.

enclosed:

Promptness Certificate:

		Petition for Consideration; and			
		Check No. in the amount of \$ constituting the petition fee set forth in 37 C.F.R. § 1.17(i)(1).			
IV.		After payment of the Issue Fee. Accordingly, in order to secure consideration thereof, each of the following are also enclosed:			
		Petition to Withdraw from Issue; and			
		Check No in the amount of \$ constituting the petition fee set forth in 37 C.F.R. § 1.17(i)(1).			
	C.	<u>Fees</u>			
	ing fee	ommissioner is hereby authorized to charge payment of or any deficiency in the sassociated with this communication, or to credit any overpayment thereof, to nt No. 23-3178. A duplicate copy of this letter is enclosed.			
	<u>X</u>	Any fee required in relation to filing of this letter or any documents transmitted therewith.			
	_	The submission fee set forth in 37 C.F.R. § 1.17(p) in the event that 37 C.F.R. § 1.97(c) applies and the Examiner is not satisfied that any Promptness Certificate submitted meets the requirements of 37 C.F.R. § 1.97(e).			
		The submission fee set forth in 37 C.F.R. § 1.17(p).			
	_	The petition fee set forth in 37 C.F.R. § 1.17(i)(1).			
	Dated	his 11 <sup>th</sup> day of December 2003.			
		Respectfully submitted,			

DANA L. TANGREN Attorney for Applicant Registration No. 37,246

Cegistration No. 37,240

PATENT TRADEMARK OFFICE CUSTOMER NUMBER

PATENT APPLICATION Docket No: 14321.56



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of		)
	Tetsuro Inui et al.	)
Serial No.:	10/624,082	) Art Unit
Filing Date:	July 21, 2003	)
Confirmation No.:	5995	)
For:	DISPERSION MONITORING METHOD AND APPARATUS AND DISPERSION SLOPE TEMPERATURE DEPENDENCY COMPENSATION METHOD AND APPARATUS	) · · · · · · · · · · · · · · · · · · ·

## CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that the following documents are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, PO Box 1450, Arlington, Virginia 22313-1450, on the 11th day of December 2003.

- Transmittal for Information Disclosure Statement (3 pages)
- · Information Disclosure Statement (2 pages)
- Form PTO-1449 listing 13 references (2 pages)
- A copy of each of the references list on the Form PTO-1449

Postcard

Respectfully submitted,

DANA L. TANGREN Attorney for Applicant Registration No. 37,246

WORKMAN NYDEGGER 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111 Telephone: (801) 533-9800 Facsimile: (801) 328-1707



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of		)
	Tetsuro Inui et al.	)
Serial No.:	10/624,082	) Art.Unit
Filing Date:	July 21, 2003	)
Confirmation No.:	5995	)
For:	DISPERSION MONITORING METHOD AND APPARATUS AND DISPERSION SLOPE TEMPERATURE DEPENDENCY COMPENSATION METHOD AND APPARATUS	) ) )

# INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Commissioner for Patents PO Box 1450 Arlington, Virginia 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed listed references are disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

Dated this 11th day of December 2003.

Respectfully submitted,

Dana L. Tangren Attorney for Applicant Registration No. 37,246

WORKMAN, NYDEGGER 1000 Eagle Gate Tower 60 East South Temple Salt Lake City, Utah 84111 Telephone: (801) 533-9800

DLT:dfw W:\14321\56\DFW0000008860V001.DOC Form PTO-1449
Applicant: Tetsuro Inui et al.

10/624,082

Document

DEC 1 5 2003 🕏

Sheet 1 of 2 Confirmation No.: 5995

Att'y Docket No.: 14321.56 Group:

Filing Date: July 21, 2003 For: DISPERSION

Serial No.:

Examiner

DISPERSION MONITORING WITHOU AND APPARATUS AND DISPERSION SLOPE TEMPERATURE DEPENDENCY COMPENSATION METHOD AND APPARATUS

### INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

# U.S. Patent Documents Issue

Initial*	Number	Date	Name	
/HW/ 1	2003/0086713 A1	05/08/2003	Inui et	t al.
		Foreign Patent Documents	š	
Examiner <u>Initial</u> *	Document Number	Publication	Country or Patent Office	Translation
/HW/ 2	1 309 115 A2	05/07/2003	EPO	N/A

	1 307 113 AZ	03/0//2003	EIO	IVA
		Other Documents (including author, title, pertinent		
Examiner <u>Initial</u> *				
/HW/3		aperature Dependence of Chro and Analysis, J. Appl. Phys.,		
/HW/4		ve Dispersion Slope Equalize Novel Dispersion Detection T , pp. 549-551.		
5		t/s WDM Automatic Dispersic ) Variable Dispersion Compe -469.		
<u>/HW/</u> 6		vel Network Fiber to Manage ion Single Mode Fiber, ECO		
<u>/HW/</u> 7		Dispersion-Compensation-free ero-Dispersion-Flattened Trai		

Examiner: Date Considered:

FOITH F10-12	+49 / %\	Sheet 2 of 2
Applicant:	Tetsuro Inui et al. DEC 1 5 2003	Confirmation No.: 5995
Serial No.:	10/624,082	Att'y Docket No.: 14321.56
Filing Date:	July 21, 2003	Group:
For:	DISPERSION MONTORPE METHOD ANI	
	TEMPERATURE DEPENDENCY COMPENS	SATION METHOD AND APPARATUS
<u>/HW/</u> 8		km DWDM Transmission with 25 GHz Spacing sectron. Letters, Vol. 37, No. 25, 2001, pp. 1534-
/HW/_ 9	M. Nakazawa et al., 1.28 Tbit/s-70 km OTDM 1 Simultaneous dispersion Compensation with a No. 24, 2002, pp. 2027-2029.	
10	H. Kawakami et al., Highly Efficient Distribute. Dispersion Flattened Transmission Line, OA&.	

OIPE

/HW/ 12 K. Takiguchi et al., Dispersion Slope Equalizer for Dispersion Shifted Fiber Using a Lattice-form Programmable Optical Filter on a Planar Lightwave Circuit, J. Lightwave Technol., Vol 16, No. 9, 1998, pp. 1647-1656.

T. Inui et al., Bit Rate Flexible Chirp Measurement Technique Using Two-photon Absorption,

/HW/

13 M. Jablonski et al., Adjustable Coupled Two-cavity Allpass Filter for Dispersion Slope

Compensation of Optical Fibres, Electronics Letters, Vol. 36, No. 6, 2000, pp. 511-512.

Electronics Letters, Vol. 38, No. 23, November 7, 2002.

#### References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

W:\14321\56\DFW0000008858V001.doc

/HW/ 11

Examiner: /Hibret Woldekidan/	Date Considered:	01/24/2008	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.